

GREEN RIVER BASIN

09267500 MOSBY CANAL NEAR LAPOINT, UT

LOCATION.--Lat 40°36'30", long 109°53'00", in sec. 27, T. 2 S., R. 18 E., Uintah County, Hydrologic Unit 14060002, on left bank 4.5 mi southeast of Paradise Park Reservoir, 8 mi downstream from diversion from Dry Fork, and 16 mi northwest of Lapoint.

PERIOD OF RECORD.--July 1954 to current year. Seasonal records only since October 1984.

GAGE.--Water-stage recorder and concrete control. Elevation of gage is 9,500 ft above sea level, from topographic map.

REMARKS.--Records fair. No flow is assumed November through April. Canal began diverting in 1942 or 1943 from Dry Fork for irrigation in Deep Creek basin. Since 1975 flow regulated by Julius Park Reservoir, capacity 200 acre-ft.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 46 ft³/s July 19, 1995; no flow for extended periods each year.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11	---	---	---	---	---	---	---	---	32	17	19
2	9.9	---	---	---	---	---	---	---	---	32	17	19
3	---	---	---	---	---	---	---	---	---	31	17	20
4	---	---	---	---	---	---	---	---	---	31	18	20
5	---	---	---	---	---	---	---	---	---	30	20	19
6	---	---	---	---	---	---	---	---	---	28	13	18
7	---	---	---	---	---	---	---	---	---	25	23	18
8	---	---	---	---	---	---	---	---	---	25	25	19
9	---	---	---	---	---	---	---	---	---	25	23	21
10	---	---	---	---	---	---	---	---	---	23	30	20
11	---	---	---	---	---	---	---	---	---	23	19	19
12	---	---	---	---	---	---	---	---	---	23	17	18
13	---	---	---	---	---	---	---	---	---	22	17	17
14	---	---	---	---	---	---	---	---	---	21	15	17
15	---	---	---	---	---	---	---	---	---	21	14	15
16	---	---	---	---	---	---	---	---	---	21	14	11
17	---	---	---	---	---	---	---	---	---	21	13	8.9
18	---	---	---	---	---	---	---	---	---	20	13	10
19	---	---	---	---	---	---	---	---	---	20	14	10
20	---	---	---	---	---	---	---	---	---	20	14	5.4
21	---	---	---	---	---	---	---	---	---	20	15	5.3
22	---	---	---	---	---	---	---	---	---	20	16	4.3
23	---	---	---	---	---	---	---	---	---	20	15	5.9
24	---	---	---	---	---	---	---	---	---	20	14	6.4
25	---	---	---	---	---	---	---	---	---	20	16	5.1
26	---	---	---	---	---	---	---	---	---	20	19	9.4
27	---	---	---	---	---	---	---	---	33	20	18	6.5
28	---	---	---	---	---	---	---	---	31	19	18	4.9
29	---	---	---	---	---	---	---	---	30	19	19	7.7
30	---	---	---	---	---	---	---	---	31	18	20	11
31	---	---	---	---	---	---	---	---	---	17	19	---
TOTAL	---	---	---	---	---	---	---	---	707	542	390.8	
MEAN	---	---	---	---	---	---	---	---	22.8	17.5	13.0	
MAX	---	---	---	---	---	---	---	---	32	30	21	
MIN	---	---	---	---	---	---	---	---	17	13	4.3	
AC-FT	---	---	---	---	---	---	---	---	1400	1080	775	